

S2. Monitoring requirements

S2.A. Monitoring requirements

The Permittee must monitor the wastewater and production according to the following schedule:

The Permittee must monitor in accordance with the following schedule and the requirements specified in Appendix A.

(1) Final Wastewater Effluent

Parameter	Units	Sample Point	Sampling Frequency	Sample Type
Flow	MGD	Outfall Inspection Manhole	Continuous ^a	Metered/Recorded
Temperature	Degrees Celsius	"	Continuous	Metered/Recorded
pH Max ^b	Standard Units	"	Continuous	Metered/Recorded
pH Min	Standard Units	"	Continuous	Metered/Recorded
Oil and Grease	mg/L	"	Monthly ^c	Grab ^d
Copper	mg/L	"	Quarterly ^e	Grab
Chromium	mg/L	"	Quarterly	Grab
Zinc	mg/L	"	Quarterly	Grab

(2) Effluent Characterization – Final Wastewater Effluent

Parameter	Units	Sample Point	Sampling Frequency	Sample Type
Priority Pollutants (PP) – Total Metals	µg/L; ng/L for mercury	Outfall Inspection Manhole	Once per year	Composite sample (Manual) ^f Grab for mercury
a	Continuous means uninterrupted except for brief lengths of time for calibration, power failure, or unanticipated equipment repair or maintenance. The time interval for the associated data logger must be no greater than 30 minutes.			
b	The Permittee must report the instantaneous maximum and minimum pH monthly. Do not average pH values.			
c	Monthly means once every calendar month during rotating weeks of the month.			
d	Grab means an individual sample collected over a fifteen (15) minute, or less, period.			
e	Quarterly sampling periods are January through March, April through June, July through September, and October through December.			
f	Composite sample (Manual) means a composite of discrete grab samples collected over a defined period of time at defined time intervals. The subsamples must have a fixed volume, and be taken at equal time intervals throughout the duration of the discharge. A minimum of four subsamples is required. If the facility implements an automatic composite sampler device, the device must be set to collect a series of individual samples collected over a 24-hour period, or the duration of the discharge, into a single container and analyzed as one sample. A minimum of one individual sample per hour throughout the duration of the discharge is required.			